

PTO/SB/21 (09-04)

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number

10/823,343

Filing Date

April 12, 2004

First Named Inventor

Dirk Vandeveld

Art Unit

3731

Examiner Name

Attorney Docket Number

50642/287727

ENCLOSURES (check all that apply)☐ Fee Transmittal Form☐ Fee Attached☐ Amendment / Reply☐ After Final☐ Affidavits/declaration(s)☐ Extension of Time Request☐ Express Abandonment Request☒ Information Disclosure Statement☐ Certified Copy of Priority Document(s)☐ Reply to Missing Parts/
Incomplete Application☐ Reply to Missing Parts
under 37 CFR 1.52 or 1.53☐ Drawing(s)☐ Licensing-related Papers☐ Petition☐ Petition to Convert to a
Provisional Application☐ Power of Attorney, Revocation
Change of Correspondence Address☐ Terminal Disclaimer☐ Request for Refund☐ CD, Number of CD(s) _____☐ Landscape Table on CD☐ After Allowance Communication to TC☐ Appeal Communication to Board
of Appeals and Interferences☐ Appeal Communication to TC
(Appeal Notice, Brief, Reply Brief)☐ Proprietary Information☐ Status Letter☒ Other Enclosure(s)
(please identify below):

Form PTO/SB/08/ (03 sheets)

30 Publications

Remarks**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm

Kilpatrick Stockton, LLP

Signature

Catherine Hart

Printed Name

Catherine E. Hart, Esq.

Date

June 20, 2006

Reg.
No.

54,095

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature

Sean O'Rourke

Typed or printed name

Sean O'Rourke

Date

June 20, 2006

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Dirk Vandeveld

SERIAL NO.: 10/823,343

Group Art Unit: 3731

FILED: April 12, 2004

Examiner:

FOR: SURGICAL NAVIGATION SYSTEM COMPONENT
AUTOMATED IMAGING NAVIGATION AND
RELATED PROCESSES

Attorney Docket No.: 50642/287727

Date: *June 20, 2006*

Mail Stop Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, Virginia 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

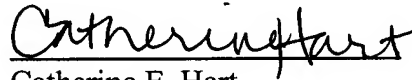
In accordance with Rules 56, 97 and 98 of the Rules of Practice in Patent Cases (37 C.F.R. §§ 1.56, 1.97, and 1.98), the publications listed on the enclosed Form PTO/SB/08a are cited for consideration by the Examiner. Copies of the cited non-U.S. publications and other materials are enclosed.

Submission of the references provided in this Supplemental Information Disclosure is not intended to constitute an admission that any reference referred to herein is prior art for this invention unless specially designated as such. Also, in accordance with 37 C.F.R. § 1.97(g), the filing of this Supplemental Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. § 1.56(a) exists.

This Information Disclosure Statement is being filed pursuant to 37 C.F.R.

1.97(b), before the mailing date of an office action on the merits. Applicants believe that no fee is due for consideration of this paper. However, if a fee is due, the Commissioner is authorized to charge any fee due to Deposit Account No. 11-0855.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "Catherine E. Hart", written over a horizontal line.

Catherine E. Hart
Registration No. 54,095

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PTO/SB/08a (08-03)

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USPTO Form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 3

Complete if Known

Application Number	10/823,343
Filing Date	April 12, 2004
First Named Inventor	Vandeveld
Art Unit	3731
Examiner Name	
Attorney Docket Number	50642/287727

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US- 5,305,203	04-19-1994	Raab	
		US- 5,445,166	08-29-1995	Taylor	
		US- 2002/0032451 A1	03-14-2002	Tierney, et al.	
		US- 2004/0073279 A1	04-15-2004	Malackowski, et al.	
		US- 6,728,599	04-27-2004	Wang	
		US- 2004/0087852 A1	05-06-2004	Chen, et al.	
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		US- 6,785,593	08-31-2004	Wang	
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		US- 2004/0254586	12-16-2004	Sarin	
		US- 6,836,703	12-28-2004	Wang	
		US- 2005/0021043	01-27-2005	Jansen	
		US- 6,871,117	03-22-2005	Wang	
		US- 6,892,112	05-10-2005	Wang	
		US- 2005/0149003 A1	07-07-2005	Tierney, et al.	
		US- 2005/0148843	07-07-2005	Roose	
		US- 2005/0177172	08-11-2005	Acker	

Examiner Signature		Date Considered	
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Sheet

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of

3

Complete if Known

Application Number	10/823,343
Filing Date	April 12, 2004
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Art Unit	3731
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Attorney Docket Number	50642/287727

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		WO 1986/05384	09-25-1986	Minnesota Mining and Manuf		
		WO 1989/09570	10-19-1989	Albrektsson		
		WO 2001/34050 A2 and A3	05-17-2001	Medtronic Surgical		
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		WO 2003/037192 A1	05-08-2003	Sherry		
		WO 2003/071969 A1	09-04-2003	Depuy International		
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		GB 2 224 937	05-23-1990	Farmer		
		GB 2 397 769 A	08-04-2004	Sherry		Abstr
		EP 0 327 509 A1	08-09-1989	Protek AG		
		EP 0 327 509 B1	08-09-1989	Protek AG		
		EP 0 216 794 B1	12-13-1989	Minnesota Mining and Manuf		
		EP 1 149 562 A2	10-31-2001	Bristol-Myers Squibb		
		EP 1 236 450 A1	09-04-2002	Biomet Inc.		
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		EP 1 435 223 A1	07-07-2004	DePuy		
		EP 1 459 686 A2	09-22-2004	Zimmer Tech.		
		EP 1 532 946 A2	05-25-2005	Biomet Manuf		

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SignatureDate
Considered

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STATEMENT BY APPLICANT**

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Sheet 3 of 3

Complete if Known

Application Number	10/823,343
Filing Date	April 12, 2004
First Named Inventor	Vandeveld
Art Unit	3731
Examiner Name	
Attorney Docket Number	50642/287727

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Smith & Nephew Total Hip Replacement Surgery, HipReplacementInfo.com, 3 pages, 11/08/2005 http://www.hipreplacementinfo.com/hip-total-replacement.htm	
		Smith & Nephew Brochure, Design Features, "Opera" pp. 4-15 (1999)	
		Corinth Surgeon Performs Revolutionary Hip Replacement, Mississippi Medical News, pp. 1-2 (11/17/2005) http://host1.bondware.com/~mississippi/news.php?viewStory=347	
		Dario, et al., 'Smart Surgical Tools and Augmenting Devices,' IEEE Trans. Rob. Autom., 19(5):782-792 (2003)	
		Fernandez-Lozano, et al., 'Human-machine interface evaluation in a computer assisted surgical system,' Proc. IEEE Int. Conf. Rob. Autom., 2004:231-236 (2004)	
		Martelli, et al., 'Criteria of interface evaluation for computer assisted surgery systems,' Int. J. Med. Informatics, 72:35-45 (2003)	
		Visarius, et al., 'Man-machine interfaces in computer assisted surgery,' Computer Aided Surgery, pp. 102-107 (2004)	

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